

STEREO MOC Status Report
Time Period: 2019:203 - 2019:209

STEREO Ahead (STA) Status:

1. The following Ground System anomalies/events occurred during this reporting period:

- On day 204, during the DSS-43 support, turbo decoder lock was lost briefly at 0731z. This anomaly resulted in the loss of 37 frames of SSR data.
- On day 205, during the DSS-14 support, turbo decoder lock was lost intermittently at 0025z and 0031z due to heavy rain at the Goldstone complex. This anomaly resulted in the loss of 26,094 frames of SSR data. See DR# G120377 for more information.
- On day 208, during the DSS-43 support, receiver lock was lost from 0350z and 0357z due to the Canberra link operator accidentally rebooting the Downlink Channel. This anomaly resulted in the loss of seven minutes of real-time and SSR data. See DR #C114395 for more information.

2. The following spacecraft/instrument events occurred during this week. The Ahead observatory operated nominally during this week.

- The average daily science data return for Ahead was 5.9 Gbits during this week.